

## Request For Deviation / Waiver

Dev # - DAS-D07Date 15 February 2001Deviation ☒ Waiver ☐

## Originator

<b>Name:</b> ITT Industries, Inc	<b>Address:</b> ITT Industries, Inc. 1761 Business Center Drive Reston, VA 20190
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Title Of Deviation / Waiver: **Component Compliance With SPEC-8**

<b>Contract Number:</b> GS-35-01095, Order # S 87070-Y, Task 11	<b>Cage Code:</b> <b>9M715</b>
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<b>Classification:</b>	Minor <input checked="" type="checkbox"/> Major <input type="checkbox"/> Critical <input type="checkbox"/>
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<b>Part Number:</b> See Sheet 2	<b>Title:</b> See Sheet 2
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<b>Effectivity:</b> All DAS Cables	<b>Recurring Deviation/ Waiver:</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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<b>Effect on Cost:</b> None	<b>Effect on Schedule:</b> None
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<b>Effect on Logistics Support, Interface or Software:</b>	None
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**Reference Documents:** STDN Spec 8, para 1.1**Description of Deviation / Waiver:**

STDN Spec mandates use of certain materials, cables and components for STDN equipment in order to establish and maintain commonality of parts. Selectively waive compliance with SPEC-8.

**Need for Deviation / Waiver:**

Spec is 13-years old, and in many cases it is obsolete. There are instances when SPEC-8 compliant components are not available or suitable for the intended DAS application. Please see attached list. Additional components will need to be incorporated under this as identified.

**Corrective action taken:** None. Accept the recommended deviations.

## Submitting Activity

<b>Name:</b> Walter E. Kearns	<b>Title:</b> ITT - AES, DAS PM	<b>Signature:</b> /s/ Walter E. Kearns	<b>Date:</b> 02/15/01
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## Customer Approval / Disapproval

<b>Approval</b> <input checked="" type="checkbox"/>	<b>Disapproval</b> <input type="checkbox"/>	<b>Date</b> 3/8/01
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<b>Name:</b> Thomas A. Gitlin	<b>Title:</b> Product Manager	<b>Signature:</b> Original signed
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## CABLES AND CONNECTORS NOT LISTED IN SPEC 8

ITEM	PART DESCRIPTION	PART NUMBER	MANUF/VENDOR
1	Miniature Plug 70/370 Series Connector	PL75C-215	Trompeter Electronics
2	Center Contact Crimp Tool	M22520/1-01	Trompeter Electronics
3	Center Contact Positioner (pin)	010-0044	Trompeter Electronics
4	Bushing/Shield Crimp Die	CD5-8	Trompeter Electronics
5	Twinax/Balanced Line	BL-982	Times Microwave Systems
6	Ethernet Cable / RJ45-Cat5 Patch Cable (1)	EVSA05-Length	Black Box Network Services
7	Laser Tab Label for Cables	LAT 19-361-1	Anthony-Lee Associates
8	BNC Isolated Bulkhead Adapter (Jack-Jack)	31-4803	Amphenol
9	Insulated Feed-Thru Jack	BJ73	Trompeter Electronics
10	Insulating Washer	77 Z-0-023	Suhner
11	Straight Adaptor / Bulkhead Mounted	34 TNC-50-0-1	Suhner
12	Bulkhead Mounted	34 SMA-50-0-1	Suhner
13	D-Sub 9 Female-to-Female/GC-9FF-LP	50F9370	Newark Electronics
14	D-Sub 15 Female-to-Female/GC-15FF-LP	50F9373	Newark Electronics
15	D-Sub 25 Female-to-Female/GC-25FF-LP	50F9376	Newark Electronics
16	SC Adapter, Phosphor Bronze Alignment Sleeve	954-120-5001	Amphenol
17	Temperature Sensor Cable (Allied:216-3200)	83396	Belden
18	Mid-High Capacitance Computer Cable (RS-232) / (Allied:216-2926)	9945	Belden
19	Die Cast Backshell (Digi-Key:A2066-ND)	748677-1	AMP INC.
20	Thinhex Crimp Tool System (Newark:57F3110)	227-944	Amphenol
21	Simplex Multimode 50um Fiber Cable (3)	530T-02F-50	Chromatic Technologies
22	SC Multimode Connector (3)	PCN-S2-CM-126	FOCI
23	Subminiature Connector (Newark: 81F5171) / 9P	17DE9P	Amphenol
24	Subminiature Connector (Newark: 81F5173) / 25P	17DB25P	Amphenol
25	Die Cast Backshell (Digi-Key:A2061-ND)/ 9P	748676-1	AMP
26	Die Cast Backshell (Digi-Key:A2068-ND)/ 25P	748677-3	AMP
27	Multiconductor Computer Cable	9855	Belden
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## NOTES:

- 1 All the Ethernet cables were custom made. The P/N and manufacturer of the cable and the connectors are M54627 / MOHAWK, and 110-080810-54 / SENTINEL respectively.
- 2 Power cables that are used are the original power cables. All power cables are FCC compliant.
- 3 The assembly of the fiber optic cable using the SC connector was done by Net Optics. Their corresponding P/N is AC20404-L (L=length of the cable).